

# NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 4-5-99 are

A ☒ approved by the Draftsperson under 37 CFR 1.84 or 1.152

B ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

## 1. DRAWINGS 37 CFR 1.84(a) Acceptable categories of drawings

### Black Ink Color

Color drawings are not acceptable until permission is granted. (Figs.)

Pencil and non-black ink not permitted. (Figs.)

## 2. PHOTOGRAPHS 37 CFR 1.84(b)

Full time set is required. (Figs.)

Photographs not properly mounted cannot use fixated board or photographic double weight paper. (Figs.)

Good quality (half-tone). (Figs.) 5.2, 9.3

## 3. TYPE OF PAPER 37 CFR 1.84(c)

Paper not flexible, strong, white, and durable. (Figs.)

Fractions, alterations, overwritings, interlineations, folds, copy machine marks not accepted. (Figs.)

Mylar, nylon paper is not acceptable (too thin). (Figs.)

## 4. SIZE OF PAPER 37 CFR 1.84(f) Acceptable sizes

21.0 cm by 29.7 cm (DIN size A4)

21.6 cm by 27.9 cm (8.12 x 11 inches)

All drawing sheets not the same size.

Sheet(s)

Drawing sheets not an acceptable size. (Figs.)

## 5. MARGINS 37 CFR 1.84(g) Acceptable margins

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  
SIZE: A4 Size

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  
SIZE: 8.12 x 11

Margins not acceptable. (Figs.)

Top (T) Left (L)

Right (R) Bottom (B)

## 6. VIEWS 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes.

Partial views 37 CFR 1.84(h)(2)

Brackets needed to show figure as one entity.

(Figs.)

Views not labeled separately or properly.

(Figs.)

Enlarged view not labeled separately or properly.

(Figs.)

## 7. SECTIONAL VIEWS 37 CFR 1.84(h)(3)

Butting not indicate that section part is broken away. (Figs.)

Sectional designation should be in Arabic numerals.

Remove number. (Figs.)

## 8. ARRANGEMENT OF VIEWS 37 CFR 1.84(i)

Views do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. (Figs.)

## 9. SCALE 37 CFR 1.84(j)

Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds original dimension.

(Figs.)

## 10. CHARACTER OF LINES, NUMBERS, & LETTERS 37 CFR 1.84(k)

Lines, numbers, & letters not uniformly thick and well defined, clean, legible, and black (poor line quality). (Figs.) 1.5

## 11. SHADING 37 CFR 1.84(m)

Solid black areas pale. (Figs.)

Solid black shading not permitted. (Figs.)

Shade lines, pale, rough and blurred. (Figs.)

## 12. NUMBERS, LETTERS, & REFERENCE CHARACTERS 37 CFR 1.84(p)

Numbers and reference characters not plain and legible.

(Figs.) 1.5

Figure legends are poor. (Figs.) 1

Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1).

(Figs.)

English alphabet not used. 37 CFR 1.84(p)(2).

(Figs.)

Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3).

(Figs.)

## 13. LEAD LINES 37 CFR 1.84(q)

Lead lines cross each other. (Figs.)

Lead lines missing. (Figs.)

## 14. NUMBERING OF SHEETS OF DRAWINGS 37 CFR 1.84(r)

Sheets not numbered consecutively, and in Arabic numerals.

beginning with number 1. Sheet(s)

## 15. NUMBERING OF VIEWS 37 CFR 1.84(s)

Views not numbered consecutively, and in Arabic numerals.

beginning with number 1. (Figs.)

## 16. CORRECTIONS 37 CFR 1.84(w)

Corrections made by erasing or obliteration.

(Figs.)

## 17. DESIGN DRAWINGS 37 CFR 1.84(x)

Outline shading is acceptable in perspective.

Solid black shading not acceptable in perspective.

(Figs.)

COMMENTS FIG. 5.1-5.3 SHOULD BE FIG. 5A-5C

REVIEWER

JC

DATE 6-19-99

TELEPHONE NO. 703 305 8930

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## INFORMATION ON HOW TO EFFECT DRAWING CHANGES

### 1. Correction of Informalities--37 CFR 1.85

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Processing Branch.

### 2. Timing for Corrections

Applicant is required to submit **acceptable** corrected drawings within the three month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable corrections resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in **ABANDONMENT** of the Application.

### 3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than informalities noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

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